

#4

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 1	ATTORNEY DOCKET NO. 9319S-000166	SERIAL NO. 09/700129
	APPLICANT Takeshi HAGIWARA, et al.	
	FILING DATE Herewith	GROUP

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		4,483,591	11/20/84	Baeger	349/138	—

→ see PTO 1449 (08/06/02)

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation	
						Yes	No
1.	DN	58-70212	26.04.83	Japan	—		X
2.	PTO 1449 (08/06/02)	63-092926	23.04.88	Japan		Abstract	—
3.	DN	6-235929	23.08.94	Japan	—	Abstract	
4.	DN	10-207399	07.08.98	Japan	—	Abstract	
5.	DN	11-14556	22.01.99	Japan	—	Abstract	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		

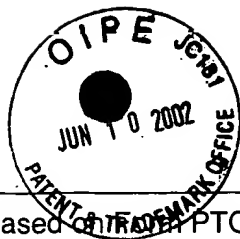
Examiner:

DNGUYEN

Date Considered:

08/06/03

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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	9319S-000166	09/700,129
	APPLICANT	
	Takeshi HAGIWARA et al	
	FILING DATE	GROUP
February 23, 2001	2871	

U.S. PATENT DOCUMENTS						
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1.						

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	DN	11-084387	03/26/1999	Japan	—	Abstract	
2.	DN	06-202139	07/22/1994	Japan	—	Abstract	
3.	DN	05-142556	06/11/1993	Japan	—	Abstract	
4.	DN	04-109731	06/03/1991	Japan	—	Partial	
5.	DN	03-266817	11/27/1991	Japan	—	Abstract	
6.	DN	03-26121	1991	Japan	—	Partial	
7.	DN	02-287433	11/27/1990	Japan	—	Abstract	
8.	DN	06-289378	10/18/1994	Japan	—	Abstract	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.		

Examiner:	DN GU YEN	Date Considered:	08/06/03
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	APPLICANT	
	Takeshi Hagiwara et al	
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	February 23, 2001	2871

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	DN	4,483,591*	11/20/84	Baeger	349/132	—

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.	DN	63-092926*	04/23/88	Japan	—	Abstract

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	—	Korean Office Action in counterpart application citing above documents (*previously cited to PTO).

Examiner:	DNQUYEN	Date Considered:	02/06/03
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	APPLICANT	
	Takeshi Hagiwara et al	
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February 23, 2001	2871	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	DN	5,670,994 ✓	Sept/1997	Kawaguchi, et al.	345/206	—
2.	DN	5,467,210 ✓	Nov/1995	Kishigami	349/144	

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.	DN	6-235929*	Aug/1994	Japan	—	Abstract

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	—	Korean Examination Result in counterpart application citing above documents (*previously cited to PTO).

Examiner: NGUYEN	Date Considered: 08/06/03
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